

## Compound polymer dielectric membrane and lithium batttery made by using said membrane

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### Abstract of CN1259773

The invention provides a composite polymer electrolyte film and the method making secondary polymer lithium battery by this film. The characteristics of composite polymer electrolyte film are, the middle film is microporous barrier and has better mechanical property and heat stability, the outer film has stronger caking property and ionic conducting capability. The advantages are, good safety, nomicro short, stronger discharging capability in large current, simple making method of film and polymer lithium battery, easy to be commercialization.

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